

CLAIMS

1. A terminal structure of a multiphase superconducting cable, comprising:
 - a multiphase superconducting cable including a plurality of superconducting layers for flowing currents of different phases, the superconducting layers being concentrically disposed and separated from each other by conductor-insulation layers;
 - a refrigerant tank filled with a refrigerant for cooling the ends of the superconducting layers;
 - leads electrically connected to the ends of the respective superconducting layers; and
 - an insulating member disposed around the peripheries of the leads, the insulating member sealing the refrigerant in the refrigerant tank.
2. A terminal structure of a multiphase superconducting cable according to claim 1, wherein a sleeve composed of a conductive material is disposed covering the outer periphery of each superconducting layer and electrically connected to the superconducting layer, and each lead is attached to the sleeve.